

7.4 - Partial Fractions

Calculus II

1. $\int \frac{5x-1}{x^2-2x-15} dx$

2. $\int \frac{-x^2+2x+4}{x^3-4x^2+4x} dx$

3. $\int \frac{2+w^4}{w^3+9w} dw$

$$4. \int \frac{z^2+2z+3}{(z-6)(z^2+4)} dz$$

$$5. \int \frac{x^2-29x+5}{(x-4)^2(x^2+3)} dx$$

$$6. \int \frac{x^4-5x^3+6x^2-18}{x^3-3x^2} dx$$